

Please delete the ABSTRACT (no page numbers provided in original specification), and add the following as the ABSTRACT:

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#### ABSTRACT

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Modular fruit juice extraction apparatuses and systems are provided that comprise, for example, a linear actuator (2) effective to drive, by back and forth motion, a moveable peeler cup (4) in communication with each of two ends of the extraction apparatus. In such embodiment, each moveable peeler cup (4), comprising concave and radially cut hemispheres, moves against a respective fixed peeler cup (3), and thereby compresses a fruit (19) contained therein to obtain its juice, which passes through a filtering device (7) disposed in each respective fixed peeler cup (3). A plunger (8) is variously driven through the filtering device (7) to remove the fruit core (13). Other embodiments include an embodiment in which a linear actuator (202) drives both external moveable peeler cups (203) and internal moveable peeler cups (204).

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